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Installation Instructions for Model: GW-2-00

Installation Materials Supplied

- Gateway Unit
- Mounting Template
- 2 x #6 - 1" screw

Tools you will need

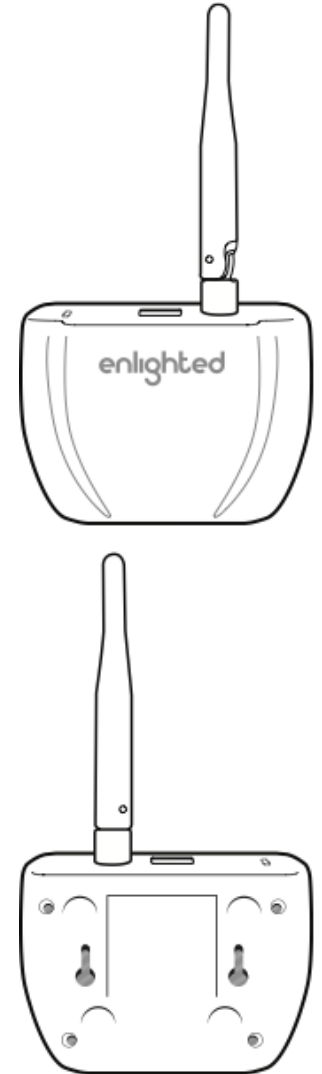
- #2 Phillips Screw Driver

Additional Material you will need

- RJ45 Data Cable(s)

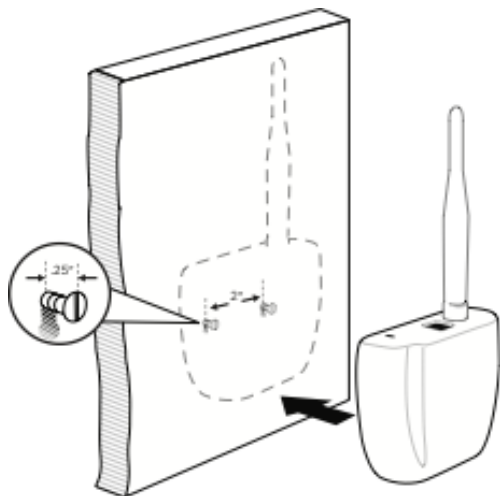
Caution

- Disconnect all power before installation or service.
All installations and maintenance work must be performed by qualified personnel.
- The GW-2-00 must be installed in accordance with state, local and national electrical codes and requirements.



Installation Instructions of the Gateway

1. The Gateway should be located within 300 feet of the GEM unit and centrally in the vicinity of the SU Sensor Units.
2. Select a place in the ceiling tile or wall for the RJ45 data cable to exit, and make a small cut in the tile to accommodate the cable.
3. Install the Gateway using the Mounting Template provided. Insert the 2 screws as stated in the template into any mounting surface.
4. Slide the Gateway Unit onto the screws as shown.
5. Route the RJ45 cable to the PoE Switch, and from the PoE switch to the EM unit. Use good routing practices to avoid un-necessary interference from other devices and electrical wiring.



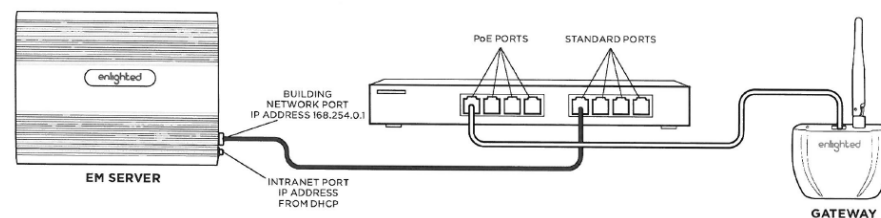
FCC ID: AQQ-GW2

Warning: This device complies with Part 15 of the FCC Rules and with Industry Canada license exempt RSS Standards. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by Enlighted Inc. could void the user's authority to operate the equipment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at user's expense.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Wiring Diagram

SIMPLE CONNECTION OF GW TO EM SERVER
USING PoE 10/100 ETHERNET SWITCH



Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

This radio transmitter IC:10138A-GW2 has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio IC:10138A-GW2 a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Antenna: Pasternack PE51081 Rubber Duck Dual Band: 2dBi, 50 Ohm.